



PICK1 rabbit pAb

Cat No.:ES11926

For research use only

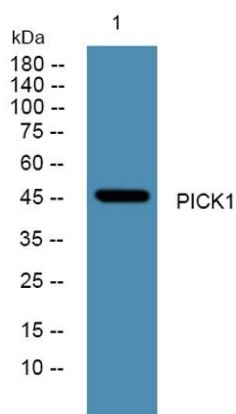
Overview

Product Name	PICK1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PICK1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PRKCA-binding protein (Protein interacting with C kinase 1) (Protein kinase C-alpha-binding protein)
Gene Name	PICK1 PRKCABP
Cellular localization	Cytoplasm, perinuclear region. Membrane ; Peripheral membrane protein . Membrane ; Lipid-anchor . Cell junction, synapse, postsynaptic density . Cell junction, synapse, synaptosome . Cytoplasm, cytoskeleton . Also membrane-associated, present at excitator
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	9463
Human Swiss-Prot Number	Q9NRD5
Alternative Names	
Background	protein interacting with PRKCA 1(PICK1) Homo sapiens The protein encoded by this gene contains a PDZ domain, through which it interacts





with protein kinase C, alpha (PRKCA). This protein may function as an adaptor that binds to and organizes the subcellular localization of a variety of membrane proteins. It has been shown to interact with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, as well as non-voltage gated sodium channels, and may target PRKCA to these membrane proteins and thus regulate their distribution and function. This protein has also been found to act as an anchoring protein that specifically targets PRKCA to mitochondria in a ligand-specific manner. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night

